

Notice of Allowability

Application No.

10/776,077

Examiner

Phuongchi Nguyen

Applicant(s)

SPINK, WILLIAM E.

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1, 10-18, 20 and 21.
3. ☒ The drawings filed on 10 February 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date ____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____

EXAMINERS AMENDMENT AND REASONS FOR ALLOWANCE

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Wei Te Chung on July 23, 2004.

2. The application has been amended as follows:

* Claim 1, last line, the period has been changed to a semicolon and the following paragraphs have been inserted thereafter:

-- wherein a plurality of third contacts disposed in the second elongated wall and in alignment with the cavity in the transverse direction, and further comprising a plurality of wires electrically connecting with the third contacts;

wherein the second elongated wall is thinned except for a portion receiving the third contacts;

wherein the second elongated wall has an expanded portion integrally formed on an exterior face thereof and in alignment with the cavity in the transverse direction;

wherein a plurality of third contacts and a plurality of wires electrically connecting with the third contacts, and wherein the expanded portion defines a plurality of passageways receiving the corresponding third contacts;

wherein a spacer mounted on a rear face of the housing to seal the rear face except for a

Art Unit: 2833

plurality of slits through which the first, the second and the third contacts extend rearwardly;

wherein each contact comprises a contact portion with a curved contact section exposed in the central slot of the housing, a tail portion extending outwardly from the housing, and a retention portion connecting the contact portion and the tail portion;

wherein a cover over-molded on the housing to cover the first, the second and the third contacts and the wires;

wherein the tail portions of the first and the second contacts are arranged in a first row, and wherein the tail portions of the third contacts are arranged in a second row offsetting from the first row in the transverse direction. –

*Claim 6, last line, -- . -- has been inserted after “rearwardly”.

* Claim 18, last line, the period has been changed to a semicolon and the following paragraphs have been inserted thereafter:

-- wherein the second passageways are formed in an expansion portion of the second wall, and a cavity is formed in the first wall aligned with the expansion portion in a transverse direction perpendicular to both said longitudinal direction and said front-to-back direction. --

_ Delete claims 2-9 and 19 are deleted.

3. The following is an examiner's statement of reasons for allowance:

In regarding to claim 1, none of prior teaches or suggest an electrical cable assembly comprising a cavity recessed from an interior face of the first elongated wall and in communication with the central slot in a transverse direction; and a curved contact section of a contact portion exposed in the central slot of the housing, a retention portion connecting the contact portion and a tail portion and the tail portion extending outwardly from the housing, a

Art Unit: 2833

cover over-molded on the housing the tail portions of the first and the second contacts on the first row are offsetting from the tail portions of the third contacts on the second row in the transverse direction.

In regarding to claim 18, none of prior teaches or suggest an electrical cable assembly comprising a cavity recessed from an interior face of the first elongated wall and in communication with the central slot in a transverse direction; the rear ends of the second contacts are laterally and outwardly offset to comply with the pitch of the second set of cable; and a pitch of the first and second conductors of the first and second identical sets of cables being larger than that of the second contacts but smaller than that of the first contacts

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to PhuongChi Nguyen whose telephone number is (703) 305-0729.

The examiner can normally be reach on Monday through Thursday from 8:AM to 4:30PM.

PCN

July 23, 2004.


ROSS GUSHI
PRIMARY EXAMINER